



Overview

CASE STUDY:

Baudouin | Eneraque | Critical Infrastructure | Australia

PRODUCT:

1 x [Baudouin 12M26G1100/5 PowerKit Engine](#)



DISPLACEMENT:

31.8L V12 150 mm × 150 mm

TOTAL POWER OUTPUT:

1100 kVA

DUTY:

ESP Emergency Standby Power

APPLICATION:

Critical Power for Commercial & Retail Precinct

PARTNERS:

OEM: Eneraque

Customer: Chatswood Chase Shopping Centre

Keeping Chatswood Chase Powered Without Disruptions

Eneraque successfully delivered a mission-critical power solution for Chatswood Chase, one of Sydney's most prominent retail destinations on the city's North Shore. As a centre hosting leading international brands, luxury boutiques, food outlets and lifestyle services, the mall welcomes thousands of daily visitors whose experience depends on uninterrupted operations. To safeguard both tenants and customers, a reliable standby power system was essential.

At the heart of the solution is the Baudouin PowerKit 12M26G1100/5 engine, a proven 31.8 litre V12 platform delivering 1,100 kVA of standby power (ESP). Combined with a high-performance alternator, advanced acoustic treatment, and a 5,000 litre fire-rated fuel system, the package ensures quiet, resilient, and compliant backup power. By uniting Baudouin's trusted engineering with Eneraque's turnkey expertise, Chatswood Chase is now equipped with reliable standby power for any situation.

Delivering reliable standby power for Chatswood Chase required a carefully planned installation inside a live retail complex. With limited access and trading hours to protect, Eneraque craned the genset to site in modules and reassembled it in the plant room, ensuring seamless integration with no impact on operations.

The installation now provides standby resilience without compromise. Sectional delivery and reassembly overcame retrofit challenges. At the centre of the package is the Baudouin 12M26G1100/5 engine, coupled with a CGT HCl634H alternator to deliver dependable 1,100 kVA standby output. To respect strict urban noise limits, the set is enclosed in a purpose-built acoustic housing achieving 80 dBA @ 1 meter. Fuel resilience is guaranteed by a 5,000 litre fire-rated bulk tank and transfer skid, designed to meet local safety codes and ensure reliable operation during extended outages.

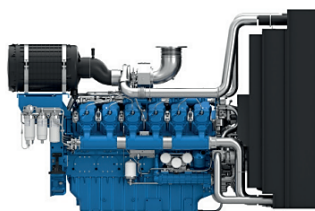
The Baudouin 12M26 series is one of the company's most trusted platforms, renowned for its performance in both marine propulsion and land power generation. With a 31.8-litre displacement and V12 configuration, the engine delivers strong power density and stable response under sudden load demands which are qualities essential for standby operation in critical facilities. Its design emphasises durability, long service intervals, and ease of maintenance, supported by a global service and parts network. Recognised worldwide as a dependable workhorse, the 12M26 ensures that installations such as Chatswood Chase can maintain uptime and operational continuity even under the most challenging conditions.

Beyond the 12M26, Baudouin's PowerKit range spans 18 to 4,125 kVA in diesel and 63 to 1,750 kVA in gas, covering standby, prime, and continuous duty. Each PowerKit engine benefits from robust European engineering, a design focus on fuel efficiency and lifecycle economy, and standardised footprints that simplify integration for OEMs and installers. For end users, this translates into a power solution that is resilient, compliant, and supported worldwide. Whether deployed in retail, data centres, or industrial facilities, Baudouin PowerKit engines are built to deliver dependable performance where it matters most.




12M26

ESP/PRP/DCP/COP Diesel Engine



Bore & Stroke (mm)	150 x 150
Displacement (L)	31.8
N° of Cylinders	12
Cylinders Arrangement	At Vee
Fuel System	Mechanical
Governor (Gov.)	Electronic
Aspiration (Asp.)	Turbocharged & air-to-air cooled

Customer benefits

Warranty terms - 2 yrs unlimited hrs, 4 yrs/800h ESP
50°C Cooling package standard with low derating
Low fuel consumption across the range
Extended mean time between overhauls (MTBO)

BUILT TO POWER




POWERKIT M SERIES

THE MOST EXTENSIVE RANGE ON THE MARKET